



09/748669

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

**DEBORAH FRANCES MIELEWSKI ET AL**

Serial No.: TO BE ASSIGNED

Filed: HEREWITH

For: SYSTEM AND METHOD OF PREPARING A REINFORCED  
POLYMER BY SUPERCRITICAL FLUID TREATMENT

Attorney Docket No.: FMC 1289 PUS / 200-0661/0663

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97(b)(1)**Box Patent Application  
Commissioner for Patents  
United States Patent and Trademark Office  
Washington, D.C. 20231


Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and § 1.97-1.98, the references listed and identified on the attached Forms PTO/SB08A and B are being submitted herewith for consideration by the Examiner. This Statement is being filed in accordance with 37 C.F.R. § 1.97(b)(1).

While this Statement is being filed in compliance with the duty of disclosure, citation of the attached references is not to be construed as an admission that any of the references are "material" as defined under 37 C.F.R. § 1.56(b).

A copy of each reference listed on the attached Forms PTO/SB08A and B is included herewith. Consideration and entry into the record of these references is respectfully requested.

Respectfully submitted,

**DEBORAH FRANCES MIELEWSKI ET AL**Date: November 9, 2000By:   
LAWRENCE G. ALMEDA  
Reg. No. 46,151  
Attorney/Agent for Applicants**BROOKS & KUSHMAN P.C.**  
1000 Town Center, 22<sup>nd</sup> Floor  
Southfield, MI 48075  
Phone: 248-358-4400  
Fax: 248-358-3351

PTÖ/SB/08A (10-96) [MODIFIED]

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitution for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	TO BE ASSIGNED 09/748669
				Filing Date	Herewith
				First Named Inventor	DEBORAH F. MIELEWSKI ET AL
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	FMC 1289 PUS / 200-0661/0663
Sheet	1	of	3		

## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. *	U.S. PATENT DOCUMENT		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
		4,451,633		Brownscombe et al	05-29-1984	
		4,748,220		Hartmann et al	05-31-1988	
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		5,910,523		Hudson	06-08-1999	

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

\* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \* Applicant is to place a check mark here if English language translation is attached.

PTO/SB/088 (10-98) (reproduced)  
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			Application Number	TO BE ASSIGNED 09/748669	
			Filing Date	Herewith	
			First Named Inventor	DEBORAH F. MIELEWSKI ET AL	
			Group Art Unit		
Examiner Name					
Sheet	2	of	3	Attorney Docket Number	FMC 1289 PUS / 200-0661/0663

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		DEKONINCK ERIC, The Supercritical Fluids - Reflection Conceived Within the Framework of the Research Department	
		ARIMITSU USUKI ET AL, Synthesis of Nylon 6-Clay Hybrid, J. Mater. Res., Vol. 8, No. 5, May 1993 © 1993 Materials Research Society, Pages 1179-1183	
		NANOCOR - Nanoclays, Copyright © 1999, Nanocor	
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		Trexel, Inc., Trexel Unveils Commercialization of MuCell Omicrocellular Foam Process, © 1998 Trexel, June 18, 1998, Pages 1-2	
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		BERNIE MILLER, Tiny Clay Particles Pack Potent Properties Punch, Mechanical properties provided by set them apart from conventional mineral fillers - and there are other surprising differences too., Plastics World / October 1997, Pages 36-38	
		YOSHITSUGU KOJIMA, Mechanical Properties of nylon 6-clay hybrid, J. Mater. Res., Vol. 8, No. 5, May 1993 © 1993 Materials Research Society, Pages 1185-1189	

Examiner Signature		Date Considered	
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